



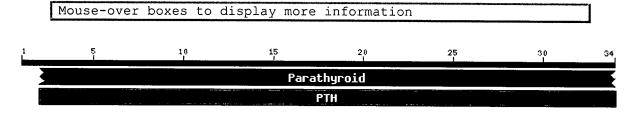


RPS-BLAST 2.2.1 [Apr-13-2001]

Query=

NCB1

(34 letters)



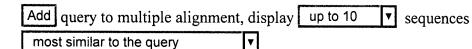
PSSMs producing significant alignments:

E Score (bits) value

gnl|Pfam|pfam01279 Parathyroid, Parathyroid hormone family gnl|Smart|smart00087 PTH, Parathyroid hormone

55.1 6e-10 5e-07

gnl|Pfam|pfam01279, Parathyroid, Parathyroid hormone family.



CD-Length = 124 residues, only 26.6% aligned Score = 55.1 bits (131), Expect = 6e-10

Query: **O**VSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNF Sbjct: 32 VSEHQLMHNLGKHIQDLERRFWLHHKLQDVHTA 64

gnl|Smart|smart00087, PTH, Parathyroid hormone

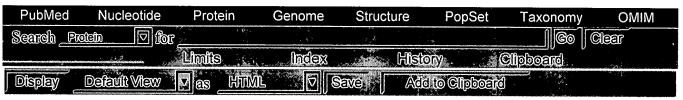
Add query to multiple alignment, display up to 10 sequences most similar to the query

> CD-Length = 36 residues, 91.7% aligned Score = 45.4 bits (106), Expect = 5e-07

VSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNF Query: Sbjct: VSEHQLMHNLGKHIQDLERREWLQKKLQDVHTA







1: 12WB Structure Of Human BLink, Related Sequences, Structure, Taxonomy, 3D Domains, LinkOut Parathyroid

Hormone Fragment 2-37, Nmr, 10

Structures

```
LOCUS
            1942097
                            36 aa
                                                                17-JUN-1996
DEFINITION
            Structure Of Human Parathyroid Hormone Fragment 2-37, Nmr, 10
            Structures.
ACCESSION
            1942097
PID
            g1942097
VERSION
              GI:1942097
DBSOURCE
            pdb: release Jun 17, 1996;
            deposition: Jun 17, 1996;
            class: Hormone;
            source: Mol id: 1; Synthetic: Yes;
            Non X-ray method: Nmr, 10 Structures.
KEYWORDS
SOURCE
            human.
  ORGANISM
            Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
            1
               (residues 1 to 36)
            Marx, U.C.
  AUTHORS
  TITLE
            Strukturen Verschiedener Parathormonfragmente In Loesung
  JOURNAL
            Book: STRUKTUREN VERSCHIEDENER PARATHORMONFRAGMENTE IN LOESUNG.
            Bayreuth: University Of Bayreuth (Thesis):GW (1996)
REFERENCE
               (residues 1 to 36)
  AUTHORS
            Roesch, P. and Marx, U.C.
  TITLE
            Direct Submission
  JOURNAL
            Submitted (17-JUN-1996)
COMMENT
            Revision History:
            MAR 12 97 Initial Entry.
FEATURES
                      Location/Qualifiers
     source
                      /organism="Homo sapiens"
                      /db xref="taxon:9606"
     SecStr
                      20..29
                      /sec_str type="helix"
                      /note="helix 1"
ORIGIN
        1 vseiqlmhnl gkhlnsmerv ewlrkklqdv hnfval
//
```

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PALM INTRANET

Day: Tuesday Date: 8/7/2001 Time: 14:12:08

Inventor Name Search Result

Your Search was:

Last Name = BRINGHURST

First Name = F

Serial#	Patent#	Status	Date Filed	Title	Inventor Name
09448867	Not Issued	41	11/24/1999	HUMAN PARATHYROID HORMONE MODIFICATIONS, PREPARATION AND USE	BRINGHURST , F RICHARD
08903977	6183974	150	07/31/1997	SCREENING ASSAYS FOR G PROTEIN COUPLED RECEPTOR AGONISTS AND	BRINGHURST , F. RICHARD
09447800	Not Issued	71	11/23/1999	AMINO-TERMINAL MODIFIED PARATHYROID HORMONE (PTH) ANALOGS	BRINGHURST , F. RICHARD
09696982	Not Issued	30	10/27/2000	SCREENING ASSAYS FOR G PROTEIN COUPLED RECEPTOR AGONISTS AND ANTAGONIS	BRINGHURST , F. RICHARD
60109938	Not Issued	159	11/25/1998	HUMAN PARATHYROID HORMONE MODIFICATIONS, PREPARATION AND USE	BRINGHURST , F. RICHARD
60110152	Not Issued	159	11/25/1998	AMINO-TERMINAL MODIFIED PARATHYROID HORMONE (PTH) ANALOGS	BRINGHURST , F. RICHARD
60225065	Not Issued	2	08/14/2000	PTH ANALOGS FOR RENAL OSTEODYSTROPHY AND RELATED USES	BRINGHURST , F. RICHARD

Inventor Search Completed: No more records to search.

	Last Name	First Name	
Search Another:	BRINGHURST	F	
Inventor		Search	

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L19 ANSWER 7 OF 20 BIOSIS COPYRIGHT 2001 BIOSIS

AN 1991:179841 BIOSIS

DN BA91:94590

TI BIOLOGICAL ACTIVITY OF PARATHYROID HORMONE ANTAGONISTS SUBSTITUTED AT POSITION 13.

AU CHOREV M; ROUBINI E; MCKEE R L; GIBBONS S W; REAGAN J E; GOLDMAN M E; CAULFIELD M P; ROSENBLATT M

CS MERCK SHARP DOHME RES. LAB., WEST POINT, PA. 19486.

SO PEPTIDES (ELMSFORD), (1991) 12 (1), 57-62. CODEN: PPTDD5. ISSN: 0196-9781.

FS BA; OLD

LA English

- L2 ANSWER 2 OF 5 BIOSIS COPYRIGHT 2001 BIOSIS
- AN 1995:119927 BIOSIS
- DN PREV199598134227
- TI Parathyroid hormone fragments may stimulate bone growth in ovariectomized rats by activating adenylyl cyclase.
- AU Rixon, Ray H.; Whitfield, James F. (1); Gagnon, Lyne; Isaacs, Richard J.; MacLean, Susanne; Chakravarthy, Balu; Durkin, Jon P.; Neugebauer, Witold; Ross, Virginia; Sung, Wing; Willick, Gordon E.
- CS (1) Inst. Biol. Sci., Natl. Res. Council Canada, Build. M-54, Montreal Road Campus, Ottawa, ON K1A OR6 Canada
- SO Journal of Bone and Mineral Research, (1994) Vol. 9, No. 8, pp.
- 1179-1189.
 - ISSN: 0884-0431.
- DT Article
- LA English

- L18 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2001 BIOSIS
- AN 1981:241385 BIOSIS
- DN BA72:26369
- ANALOGS OF AN IN-VITRO PARATHYROID HORMONE INHIBITOR MODIFICATIONS AT THE ΤI AMINO TERMINUS.
- ΑU ROSENBLATT M; POTTS J T JR
- CS
- ENDOCRINE UNIT, MASS. GEN. HOSP., BOSTON, MA 02114. CALCIF TISSUE INT, (1981) 33 (2), 153-158. CODEN: CTINDZ. ISSN: 0171-967X.
- FS BA; OLD
- LA English